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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/597,931

08/11/2006

Toru Takenaka

SAT-16803

7988

40854 7590 02/16/2010
RANKIN, HILL & CLARK LLP
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EXAMINER

LI, CE LI

ART UNIT

PAPER NUMBER

3661

MAIL DATE

DELIVERY MODE

02/16/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of Allowability	Application No.	Applicant(s)	
	10/597,931	TAKENAKA ET AL.	
	Examiner	Art Unit	
	CE LI	3661	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/21/2010.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>01/21/2010</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|--|--|

/CE LI/
Examiner, Art Unit 3661

/Thomas G. Black/
Supervisory Patent Examiner, Art Unit 3661

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 01/21/2010 was filed after the mailing date of the notice of allowance on 12/30/2009. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.
2. The examiner has considered the references in the IDS, and still could not find any reasons to reject the allowed claims. Therefore, the claims filed on 08/11/2006 are still allowable over the references in the IDS filed on 01/21/2009.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

Claims 1 - 4 are allowed based on the follow reasons:

The prior art fails to disclose or suggest alone or in combination as claimed a difference between the floor reaction force moment horizontal component $M2(t)$ generated at the time t on the second dynamic model by the provisional motion and the floor reaction force moment horizontal component $M1(t)$ generated at the time t on the first dynamic model by the provisional motion ($M2(t)-M1(t)$) is defined as a floor reaction force moment horizontal component error $Merr(t)$, and a difference between the translational floor reaction force horizontal component $F2(t)$ generated at the time t on the second dynamic model by the provisional motion and the translational floor reaction force horizontal component $F1(t)$ generated at the time t on the first dynamic model by the provisional motion ($F2(t)-F1(t)$) is defined as a translational floor reaction force horizontal component error $Ferr(t)$, then the provisional motion correcting means corrects

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an instantaneous value of the provisional motion at the time t such that a value obtained by adding either the floor reaction force moment horizontal component error $M_{err}(t)$ or a first floor reaction force correction amount determined on the basis of at least the floor reaction force moment horizontal component error $M_{err}(t)$ to the floor reaction force moment horizontal component generated at the time t on the first dynamic model by a motion obtained by correcting the provisional motion agrees with the desired value at the time t , and a value obtained by adding either the translational floor reaction force horizontal component error $F_{err}(t)$ or a second floor reaction force correction amount determined on the basis of at least the translational floor reaction force horizontal component error $F_{err}(t)$ to a translational floor reaction force horizontal component generated at the time t on the first dynamic model by a motion obtained by correcting the provisional motion satisfies the permissible range at the time t .

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CE LI whose telephone number is (571)270-5564. The examiner can normally be reached on Monday to Friday, 9AM-5PM, EST, every other Friday Off.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571)272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/CE LI/

Examiner, Art Unit 3661

/Thomas G. Black/

Supervisory Patent Examiner, Art Unit 3661